

EPA Air Toxics Implementation Information Table

NOTICE: Please note that in May 2000, EPA will construct a multi-media Compliance Assistance Clearinghouse that will include these materials plus materials developed by States, locals, Tribes and some industry trade associations. After this clearing house is developed, PIRG may decide to **no longer** published this table.

WHAT DOES THIS TABLE CONTAIN? This table provides a list of 2,4,7 and 10 yr MACTs, some CAA section 111(d)/129/183e rules and the EPA implementation materials that have been developed, or are being developed, by EPA (OAQPS, OECA and RO's).

WHO DEVELOPED THE TABLE AND WHY? This table was developed by EPA's Office of Air Quality Planning and Standards (OAQPS), Information Transfer & Program Integration Division (ITPID), Program Implementation and Review Group (PIRG). PIRG is responsible for assisting in implementation efforts for EPA rules. The table was originally developed to assist PIRG in tracking three primary pieces of information:

1. Identify PIRG contacts for various rules;
2. Document why implementation materials for some rules will not be developed by PIRG; and
3. Track implementation materials developed, or being developed, by EPA (including OECA and RO's) to prevent duplication of effort.

This table has now been made public at the request of State/local agencies and affected sources who found it useful.

WHAT DO THE CODES MEAN? In the 'PIRG POC' column (that stands for Program Implementation and Review Group Point of Contact), you may see a 'NA'. 'NA' indicates that PIRG has determined that, due to lack of staffing and other issues, implementation documents for these rules will not be developed by the group.

There can be several reasons why PIRG may have eliminated these rules. Reasons are shown in parenthesis and include:

- C *<50 sources:* Preliminary information shows that the rule applies to less than 50 sources;
- C *delist:* Preliminary information shows that the source category has been or **may** potentially be delisted;
- C *ESD [date]:* Based on current information, implementation materials **may** not be needed as per EPA's Emission Standards Division (ESD); and
- C *PIRG [name]:* Based on scoping and interviews with potential users, implementation materials are not needed per EPA's Program Implementation and Review Group (PIRG).

In some cases, PIRG has'nt determined if implementation materials will be developed or have not yet assigned a PIRG member to a rule. In such cases, the PIRG POC says TBD (to be determined).

WHAT CAN I EXPECT FROM THE PIRG CONTACT? The PIRG contact will be developing implementation materials with EPA's Emission Standards Division (ESD), Office of Enforcement and Compliance Assistance (OECA) and Regional Offices, along with assistance from State/local/tribal

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Contact Ingrid Ward (919-541-0300, ward.ingrid@epa.gov) for errors, additions and deletions

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agencies and affected sources. Implementation materials may vary depending on the complexity of each rule.

WHEN IS THE TABLE UPDATED AND HOW DO I GET A COPY? This table is updated by PIRG periodically (as new information develops) and uploaded onto the Unified Air Toxics Website (UATW) at www.epa.gov/ttn/uatw/mactimp.wpd or .../[mactimp.pdf](#)).

Once EPA completes its multi-media Compliance Assistance Clearinghouse, you'll be able to go to that Clearinghouse for the information.

If you have any questions regarding specific implementation activities, please contact the names indicated within the table..

EPA Air Toxics Implementation Information

Sorted by Rule Name

<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Acetal Resins (AR) Production www.epa.gov/ttn/uatw/gmact/gmactpg.html	1997 YY (GMACT)	NA (<50 sources)		NA
Acrylic/Modacrylic Fibers (AMF) Production www.epa.gov/ttn/uatw/gmact/gmactpg.html	1997 YY (GMACT)	NA (<50 sources)		NA
Aerosol Can Filling Facilities	2000	NA (delisted)		NA

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³ PIRG Implementation Materials in **BOLD**. For other Federal/State/Local public outreach materials, see "Communicating Air Quality: A Compendium of Resources", available from the STAPPA/ALAPCO website www.4cleanair.org. Or, go to EPA's Compliance Assistance Clearinghouse, when it opens in May 2000.

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Aerospace Industries www.epa.gov/ttn/uatw/aerosp/aerosp.html	1994 GG	Ingrid Ward 919-541-0300	OAQPS: National Emission Standards for Aerospace Manufacturing and Rework Facilities: Summary of Requirements for Implementing the NESHAP (EPA-456/R-97-006) available on UATW (overview, inspection checklist, applicability flowchart, equipment diagrams and inspection procedures); Q&A available on UATW; Brochure available on UATW; Training materials from 5 EPA Regional workshops held Aug 1998 available on UATW; Example notification and report forms (initial, NOCS, semiannual) available on UATW; OECA: Sector Notebook for Aerospace Industry available (http://es.epa.gov/oeca/sector/index.html); Sector Notebook for Air Transportation Industry available (http://es.epa.gov/oeca/sector/index.html); Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Regional Offices: R10 workshop 5/97; EPA Training Providers, Courses Available: Aerospace Industries/230.1, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm);	3/98 12/98 update
Alumina Processing	2000	TBD		TBD
Antimony Oxides Manufacturing	2000	NA (delisted)		NA

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Architectural/Industrial Coatings (VOC) www.epa.gov/ttn/uatw/183e/aim/aimpg.html	1994 §183(e) rule	NA (Completed imp. materials)	OAQPS: Section 183(e) Rules Limiting VOC Emissions From Consumer and Commercial Products - Implementation Assistance document (no EPA #, 9/30/99) available on UATW ; Small Entity Compliance Guide - National Emission Standards for Architectural Coatings (July 1999, EPA-453/R-99-003) available on UATW. OECA: Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html);	9/99
Asbestos (previously called Asbestos Processing)	2000	NA (delisted)	OECA: Sector Notebook for Stone, Clay, Glass and Concrete Industry available at http://es.epa.gov/oeca/sector/index.html ; Additional information available at http://es.epa.gov/oeca/metd/scgc.html ;	NA
Asphalt Concrete Manufacturing	2000	TBD	OECA: Sector Notebook for Stone, Clay, Glass and Concrete Industry available at http://es.epa.gov/oeca/sector/index.html ; Additional information available at http://es.epa.gov/oeca/metd/scgc.html ;	TBD
Asphalt Roofing and Processing	2000	NA (<50 sources)	OECA: Sector Notebook for Stone, Clay, Glass and Concrete Industry available at http://es.epa.gov/oeca/sector/index.html ; Additional information available at http://es.epa.gov/oeca/metd/scgc.html ;	NA
Asphalt/Coal Tar Application - Metal Pipes	2000	TBD		TBD

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Auto Refinishing (VOC) (also called Autobody Refinishing) www.epa.gov/ttn/uatw/183e/arc/arcpg.html	1994 §183(e) rule	NA (Completed imp. materials)	OAQPS: Section 183(e) Rules Limiting VOC Emissions From Consumer and Commercial Products - Implementation Assistance document (no EPA #, 9/30/99) available on UATW; OECA: Consolidated Environmental Screening Checklist w/Support Documentation (Julie Tankersley 202-564-7002); Educational Modules for Shop Owners and Technicians (Everett Bishop 202-564-7032); Plain Language Fact Sheets (Mary Dever 617-918-1717); Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); CCAR-GreenLink - The Automotive Compliance Information Assistance Center (http://es.epa.gov/oeca/mfcac.html); EPA Training Providers, Courses Available: Auto Refinishing/230.2, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm);	9/99

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Auto/Light Duty Truck (MACT & VOC) www.epa.gov/ttn/uatw/coat/automatn/auto_truck.html	2000 IIII	TBD	<p>OAQPS: Feasibility of developing combined 10yr surface coating implementation document being investigated (Ingrid Ward 919-541-0300);</p> <p>OECA: Sector Notebook - Profile of the Motor Vehicle Assembly Industry (http://es.epa.gov/oeca/sector/sectornote/pdf/motvehsn.pdf); Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Sector Notebook available for the Fabricated Metal Products Industry at http://es.epa.gov/oeca/sector/index.html; Additional information is available at the Fabricated Metal Products and Metal Finishing at http://es.epa.gov/oeca/metd/met-fin.html; Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf); Sector Notebook - Profile of the Motor Vehicle Assembly Industry (http://es.epa.gov/oeca/sector/sectornote/pdf/motvehsnpt1.pdf);</p>	TBD
Boat Manufacturing (MACT & VOC) www.epa.gov/ttn/uatw/coat/boat/boat_man.html	2000	TBD	<p>Outreach materials may be needed (ESD 6/97)</p> <p>OECA: Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html);</p>	TBD
Brick and Clay Manufacturing	2000	TBD		TBD
Carbon Black	2000	NA (<50 sources)		NA
Carbonyl Sulfide (COS) Production	2000	TBD		TBD
Cellulose Manufacturing (also called Miscellaneous Cellulose)	2000	NA (<50 sources)		NA
Chlorine Production	2000	NA (<50 sources)		NA

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Chromium Chemicals Manufacturing	2000	NA (delisted)		NA

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Chromium Electroplating (previously called Chromium Electroplating and Anodizing) <a href="http://www.epa.gov/ttn/uatw/chrome/cho
mepg.html">www.epa.gov/ttn/uatw/chrome/cho mepg.html	1994 N	NA (Imp. materials available, ASmith)	<p>OAQPS: Guidebook on How to Comply (EPA 453/B-95-001) available at www.epa.gov/ttn/oarpg/t3ed.html and includes overview of rule, P2 options, contact lists, list of known facilities and notification forms; Brochure available at www.epa.gov/ttn/oarpg/t3ed.html;</p> <p>OECA: Sector Notebook available for the Fabricated Metal Products Industry at http://es.epa.gov/oeca/sector/index.html ; Additional information is available at the Fabricated Metal Products and Metal Finishing at http://es.epa.gov/oeca/metd/met-fin.html including rule checklist and guidebook to the NESHAP;</p> <p>Regional Offices: R9 "adopt-a-MACT" - developing implementation materials including a CA rule effectiveness study (Mae Wang 415-744-1200). R8 Chrome Training 4/29/99 in Denver CO; R9 has inspection manual available "Inspection Manual for Chrome Electroplating Facilities Subject to the 40 CFR Part 63, Subpart N Regulations", Feb 19, 1997 (Adeduro Kingsley 415-744-1177); R9 has Chrome Inspection overhead materials available, 3/10/97 (Adeduro Kingsley 415-744-1177); R7 performance test field coordination form available; R2 has inspection checklist available; R7 MACT Inspector Training, 4/12-13/99, trained 40 State/local Missouri inspectors on chrome, wood furniture, degreasers and printing and publishing (Richard Tripp 913-551-7566); R8/CDPHE Website for Chromium Electroplating www.cdphe.state.co.us/ap/chromium/html/index.html;</p> <p>OAQPS Satellite downlinks (video): "Chrome Electroplaters" 11/15/95 (State/local agencies contact Janyce Riess 919-541-2353, others contact Univ. of TN at wwiley@utk.edu);</p> <p>EPA Training Providers, Courses Available: Area Source MACT Training Course, including discussion on Hard and Decorative Chromium Electroplating and Anodizing Tanks, 2 days (June 2-3)(sponsored by Rutgers www.eohsi.rutgers/cet/airpoll.edu or www.envsci.rutgers.edu/~raptp/ and Mid-Atlantic Regional Air Management Association MARAMA www.marama.org);</p>	NA
Clay Products Manufacturing	2000	TBD		TBD

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Coke By-Product Plants	2000	TBD		TBD
Coke Ovens (also called Coke Oven Batteries) www.epa.gov/ttn/uatw/coke/cokepgp.html	1994 L	NA (<50 sources)	OAQPS: Q&A document available on UATW; Enabling Document for Coke Oven Batteries available on UATW (EPA/453-R-93-052, 11/93);	NA
Coke Ovens: Pushing/Quenching/Battery Stacks	2000	NA (<50 sources)		NA
Combustion (Gas) Turbines	2000	TBD		TBD
Commercial and Industrial Waste Incinerators (CIWI) www.epa.gov/ttn/uatw/129/ciwi/ciwiipg.html	2000 §129 rule	David Painter 919-541-5515	Summary of Requirements for Section 111(d) State Plans planned (David Painter, 919-541-5515);	est 2000
Consolidated Federal Air Rule (CAR)	1997 Not a Part 63 rule	TBD		TBD

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Consumer Products (VOC) www.epa.gov/ttn/uatw/183e/cp/cppg.html	1994 §183(e) rule	NA (Completed imp. materials)	<p>OAQPS: Section 183(e) Rules Limiting VOC Emissions From Consumer and Commercial Products - Implementation Assistance document (9/30/99) available to EPA RO; Small Business Compliance Guide available on UATW (Bruce Moore 919-541-5460);</p> <p>OECA: Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html);</p> <p>OAQPS Satellite downlinks (video): "Consumer Products MACT Rule" 10/15/98 (State/local agencies contact Janyce Riess 919-541-2353, others contact Univ. of TN at wwiley@utk.edu);</p>	9/99
Cyanide Chemicals Manufacturing (previously called Cyanide Chemicals Production)	2000	NA (<50 sources)		NA
Cyanuric Chloride Production	1997	NA (delisted)		NA

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Dry Cleaners (Perchloroethylene) www.epa.gov/ttn/uatw/dryperc/drycpg.html	1992 M	NA (Imp. materials available, ASmith)	<p>OAQPS: Guidance memo concerning implementation available on UATW (5/95); General Recommended Operating and Maintenance practices for Dry Cleaning Equipment (EPA-453/R-94-073) available on UATW;</p> <p>OECA: Multimedia Inspection Guidance (Joyce Chandler 202-654-7073); Compliance Strategy (Joyce Chandler 202-654-7073); Compendium of Education Materials - A searchable database (Joyce Chandler 202-654-7073); Generic Dry Cleaning Equipment Owner's Manual (George Smith 919-541-1549); Sector Notebook for the Dry Cleaning Industry (GPO 202-512-1800, order # 055-000-00512-5 or http://es.epa.gov/oeca/sector/index.html); Additional information on Compliance Assistance Tools, Compliance Initiatives, Assistance Centers, Compliance Date, ongoing project, policies and other links can be found at the Municipal Services & Solid waste site at http://es.epa.gov/oeca/ccsmd/munpull.html ; Additional information on Compliance Assistance Tools, Compliance Initiatives, Assistance Centers, Compliance Date, ongoing project, policies and other links can be found at the Small Business & Commercial Services site at http://es.epa.gov/oeca/ccsmd/commpull.html Plain English Guide for the Dry Cleaners (http://es.epa.gov/oeca/ccsmd/decguide.pdf);</p> <p>Regional Offices: R5 Plain English Guide for Perc Dry Cleaners: A Step by Step Approach to Understanding Environmental Regulations (Korean version available www.epa.gov/ARD-R5, click toxics then dry cleaning)</p> <p>OAQPS Satellite downlinks (video): "Dry Cleaning MACT Rule" 5/12/94 (State/local agencies contact Janyce Riess 919-541-2353, others contact Univ. of TN at wwiley@utk.edu);</p> <p>EPA Training Providers, Courses Available: Dry Cleaning/287, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm); Dry Cleaning/387, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm) ; Area Source MACT Training Course, including discussion on Dry Cleaning Facilities, 2 days (June 2-3)(sponsored by Rutgers www.eohsi.rutgers.edu/~airpoll.edu or www.envsci.rutgers.edu/~raptpl/ and</p>	NA

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EAF: Non-Stainless Steel (SS) Manufacturing-Electric Arc Furnace	1997	NA (delisted)		NA
Engine Test Facilities www.epa.gov/ttn/uatw/engtest/rock_eng.html	2000	TBD		TBD
Ethylene Oxide Sterilizers (also called Commercial Sterilizers) www.epa.gov/ttn/uatw/eo/eopg.html	1994 O	NA (Completed imp. materials)	OAQPS: Ethylene Oxide Commercial Sterilization and Fumigation Operations NESHAP Implementation Document (EPA-456/R-97-004) available on UATW (applicability flow charts, equipment diagrams and inspection procedures, inspector checklists, Q&A, list of other available materials); Enabling document available at www.epa.gov/ttn/oarpg/t3ed.html ; Update to EPA-456/R-97-004 planned in FY00 but on hold due to budge and staffing shortfall (Gil Wood 919-541-5272) <i>Regional Offices:</i> R5 document on Common Questions and Answers available at www.epa.gov/ARD-R5 (search on ethylene oxide sterilizers);	9/97
Ethylene Processes	2000 BBBB	NA (<50 sources)		NA

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Fabric Printing, Coating and Dyeing (also called Printing, Coating and Dyeing of Fabrics) www.epa.gov/ttn/uatw/coat/fabric/fab_coat.html	2000 OOOO	TBD	OECA: Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf); Regional Offices: PNEAC/SHWEC screen printing video conferencing for screen printers (12/2/98) will discuss P2 options (www.pneac.org or Marilyn McDole 608- 262-0910);	TBD
Ferroalloy Production (Previously called Ferroalloy Industry; also called Ferromanganese & Silicomanganese Production) www.epa.gov/ttn/uatw/ferroa/ferroalloy.html	1997 XXX	NA (Imp. materials not needed, ESD)		NA
Flexible Polyurethane Foam Fabrication Operations	2000	TBD	Outreach materials may be needed (ESD 6/97)	TBD
Flexible Polyurethane Foam Production www.epa.gov/ttn/uatw/foam/foamprod.html	1997 III	NA (Completed imp. materials)	OAQPS: Plain Language Guide to the Flexible Polyurethane Foam Production NESHAP, 40 FR 63, Subpart III (EPA-456/B-98-001) available on UATW;	12/98
Friction Products Manufacturing	2000	TBD		TBD

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EPA Air Toxics Implementation Information

Sorted by Rule Name

<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Fume Silica Production	2000	NA (<50 sources)		NA
Gasoline Distribution (also called State I Gasoline Distribution) www.epa.gov/ttn/uatw/gasdist/gasdistspg.html	1994 R	NA (Imp. materials available, ASmith)	<p>OAQPS: Summary flow diagrams available on UATW;</p> <p>OECA: Inspection manual for enforcement of NSPS for bulk gasoline terminals pending (?)</p> <p><i>Regional Offices:</i> R1 draft permit conditions available (Donald Dahl, 617-918-1657);</p> <p><i>OAQPS Satellite downlinks (video):</i> 1995 - checking on information, may not be correct.</p> <p><i>EPA Training Providers, Courses Available:</i> Air to Liquid Ratio Testing/264, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm); Gasoline Cargo Tanks/210, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm); Gasoline Facilities Phase I and II/264, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm); Oil Field Production/260, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm); Petroleum Refining/288, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm); Gasoline Facilities (Vapor Recovery), 3 days (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm);</p>	NA
General Provisions Part 63	1994 A	NA (no funding available)	Expert System for General Provisions planned for FY00 but on hold due to budget and manpower shortfall.	No funding available

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<p>Halogenated Solvent Cleaning Machines</p> <p>(also called Degreasing Organic Cleaners)</p> <p>www.epa.gov/ttn/uatw/degrea/halopg.html</p>	1994 T	NA (Completed imp. materials)	<p>OAQPS: The Halogenated Solvent Expert System (provides step by step on-line questions on equipment types and compliance options) available at http://206.4.171.30/rules/subpart/index.cfm; National Emission Standards for Halogenated Solvent Cleaning: Summary of Requirements for Implementing the NESHAP (EPA-456/R-96-005) available on UATW (Ingrid Ward 919-541-0300, ward.ingrid@epa.gov); Brochure and fact sheet available on UATW; Guidance document, available on UATW (EPA-453/R-94-081, 1995); Solvent substitution (Sage 2.1) information available on UATW (EPA-600/SR-95-049); Small business brochure available on UATW: New Regulation Controlling Air Emissions from Solvent Cleaning Machines (EPA-453/R-94-083) available on UATW; "Project Summary, Demonstration of Alternative Cleaning System (EPA-600/SR-95/120) available on UATW; Q&A document available on UATW;</p> <p>Regional Offices: R1 "adopt-a-MACT" - developing implementation materials including safety protocol, formalizing inspector checklist and potentially a web slide show (Susan Lancey 617-918-1656). R9 "Practical Options for Parts Cleaning" workshop on compliance and solvent cleaning alternatives held October 20, 1998 Oakland CA; R9 MACT Compliance Workshop: Workshop for Bay Area businesses will provide comprehensive regulatory compliance training to sources subject to the degreaser MACT and the BAAQMD regulation 8, rule 16 (scheduled for adoption Sept. 98); R7 MACT Inspector Training, 4/12-13/99, trained 40 State/local Missouri inspectors on chrome, wood furniture, degreasers and printing and publishing (Richard Tripp 913-551-7566)</p> <p>OAQPS Satellite downlinks (videos): "Vapor Degreasers" 5/24/95 (State/local agencies contact Janyce Riess 919-541-2353, others contact Univ. of TN at wwiley@utk.edu);</p> <p>EPA Training Providers, courses Available: APTI SI:416, "Inspection Procedures for Organic Solvent Metal Cleaning (Degreasing) Operations", 1982 Self Instructional Course available www.epa.gov/oar/oaqps/eog; Area Source MACT Training Course, including discussion on Halogenated Solvent Cleaning , 2 days (June 2-3)(sponsored by Rutgers www.eohsi.rutgers/cet/airpoll.edu or www.envsci.rutgers.edu/~rapt/ and Mid-Atlantic Regional Air Management</p>	9/97

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Hazardous Waste Combustor (HWC) www.epa.gov/hwcmact	1997	NA (EPA, OSW lead on project)	OSW: Permitting workshops: New York (8/9 - 8/13, 1999) and Denver (8/2-8/6, 1999) Contact Andrew O'Palko 703-308-8646 for more info.; Develop Implementation Strategy; Outreach workshops (estimated schedule 9/99, DC; 9/99, Dallas TX; 10/99 mid-west); Developing permitting toolkit (fact sheets, example permits, plain language guide, etc); Develop technical implementation guidance document (example notifications, regulatory overviews, etc); There is also a webpage for the rule at: www.epa.gov/epaoswer/hazwaste/combust/cmbust.htm ; Additional materials related to this MACT are available at: www.epa.gov/epaoswer/hazwaste/combust.htm OECA: Additional information on Compliance Assistance Tools, Compliance Initiatives, Assistance Centers, Compliance Date, ongoing project, policies and other links can be found at the Municipal Services & Solid waste site http://es.epa.gov/oeca/ccsmd/munpull.html ;	NA

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HON (Hazardous Organic NESHAP) www.epa.gov/ttn/uatw/hon/honpg.htm	1992 F,G,H, I	NA (Imp. materials available, FDimmick)	<p>OAQPS: HON timetable 8/94 and HON Averaging Assistance Software 2/95 available at http://www.epa.gov/ttn/oarpg/t3ed.html; Q&A for subparts F& G pending (when available, will be downloadable at http://www.epa.gov/ttn/oarpg/t3main.html);</p> <p>OECA: "HON Inspection Tool", EPA-305-B-97-006 (Sept 97), at http://es.epa.gov/oeca/ccsmd/tb/tbg.html; EPA/CMA Root Cause Analysis Pilot Project available http://es.epa.gov/oeca/ccsmd/tb/tborg.html ;</p> <p>Regional Offices: R4 "adopt-a-MACT" - developing implementation materials including an inspector training video (Jean Campbell 404-562-9193).</p> <p>EPA Training Providers, Courses Available: "Final HON Rule" Telecourse APTI 05094, July 1994 www.epag.ov/oar/oaqps/eog;</p>	NA

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Hospital/Medical/Infectious Waste Incinerators (HMIWI) www.epa.gov/ttn/uatw/129/hmiwi/rihmiwi.html	1997 §129 Rule	Pending 919-541-5590	OAQPS: Hospital/Medical/Infectious Waste Incinerator Emission Guidelines: Summary of Requirements for Section 111(d)/129 State Plans (EPA-456/R-97-007) available on UATW; Q&A document on UATW; OECA: HMIWI Inspection Guide pending (?); OAQPS Satellite downlinks (video): "Medical Waste Incinerators" 9/17/97 (State/local agencies contact Dennis Shipman 919-541-5477, others contact Chris Murphy of NCSU 919-515-5874); EPA Training Providers, Courses Available: Incinerators/270, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm);	11/97
Hydrochloric Acid Production	2000	TBD		TBD
Hydrogen Fluoride (HF) Production www.epa.gov/ttn/uatw/gmact/gmactpg.html	2000 GMACT YY	NA (<50 sources)		NA
Industrial Cooling Towers (previously called Industrial Process Cooling Towers)	1994 Q	NA (Imp. materials not needed, ESD)	Implementation materials not needed as per ESD (GWood 12/99)	NA

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Industrial/Commercial/Institutional Boilers (MACT &111) (also known as Boilers - Steam Generating Units) www.epa.gov/ttn/uatw/combust/list.html	2000	TBD	<p>OAQPS: EPA report "Analysis of Emissions Reductions Options for the Electric Power Industry", 1998 (fact sheet and report are available from www.epa.gov/ardpublic/capihome/ipm/mercury.html); Implementation materials planned for FY00 but on hold due to budget shortfall.</p> <p>OECA: Sector Notebook for the Fossil Fuel Electric Power Generation Industry available http://es.epa.gov/oeca/sector/index.html;</p> <p>EPA Training Providers, Courses Available: Combustion Evaluation/427, 4.5 days (EPA/Air Pollution Training Institute APTI, www.epa.gov/oar/oaqps/eog/apticat.html); Combustion Source Inspection - Level III, 3 days (Rugers/Environmental Occupational Safety and Health Institute EOHSI www.eohsi.rutgers/cet/airpoll.edu or www.envsci.rutgers.edu/~raptp); Industrial Boilers/273, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm); Stationary Internal Combustion Engines/271, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm); Industrial Boilers/273, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm);</p>	TBD
Integrated Iron & Steel Manufacturing	2000	NA (<50 sources)	<p>Outreach materials may be needed due to some smaller sources being effected (ESD 6/97);</p> <p>OECA: Sector Notebook available at http://es.epa.gov/oeca/sector/index.html;</p>	NA

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Iron & Steel Foundries	2000	TBD	Outreach materials may be needed (ESD 6/97); OECA: Sector Notebook available at http://es.epa.gov/oeca/sector/index.html ;	TBD
Large Appliances (MACT & VOC) www.epa.gov/ttn/uatw/coat/lgapp/large_app.htm	2000	TBD	Outreach materials may be needed (ESD 6/97) OAQPS: Feasibility of developing combined 10yr surface coating implementation document being investigated (Ingrid Ward 919-541-0300); May need pre-promulgation education & outreach (downlink?); OECA: Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Sector Notebook available for the Fabricated Metal Products Industry at http://es.epa.gov/oeca/sector/index.html ; Additional information is available at the Fabricated Metal Products and Metal Finishing at http://es.epa.gov/oeca/metd/met-fin.html ; Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf);	TBD
Lead Acid Battery Manufacturing	1997	NA (delisted)		NA
Leather Tanning and Finishing Operations	2000	NA (<50 sources)		NA
Lime Manufacturing	2000	TBD	OECA: Sector Notebook for Stone, Clay, Glass and Concrete Industry available at http://es.epa.gov/oeca/sector/index.html ; Additional information available at http://es.epa.gov/oeca/metd/scgc.html ;	TBD

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Lithographic Printing Materials (VOC)	2000 §183(e) rule	TBD	<p>OECA: Multi-Media Compliance and P2 Assessment Guide being developed; DfE outreach kit (Karen Doerschug 303-360-0965);</p> <p>Regional Offices: R1 "Fit to Print: An Environmental Compliance and Pollution Prevention Manual for New England Lithographers" available (Janet Bowen 617-918-1795); DfE P2 video "Inside Flexo: A Cleaner Run for the Money", 19-min video (Karen Doerschug 202-260-0965);</p> <p>EPA Training Providers, Courses Available: Graphic Arts/230.4, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm);</p>	TBD
Magnetic Tape www.epa.gov/ttn/uatw/magtape/magtappg.html	1994 EE	NA (Imp. materials not needed, IWard)	<p>OECA: Sector Notebook available on http://es.epa.gov/oece/sector/index.html;</p>	NA
Marine Vessels (previously called Marine Vessel Loading Operations) www.epa.gov/ttn/uatw/marine/marinepg.html	1997 Y	NA (Imp. materials not needed, MA Warner)		NA

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Metal Can (MACT) www.epa.gov/ttn/uatw/coat/mcan/met_can.html	2000 KKKK	TBD	Outreach materials may be needed (ESD 6/97) OAQPS: Feasibility of developing combined 10yr surface coating implementation document being investigated (Ingrid Ward 919-541-0300); May need pre-promulgation education & outreach (downlink?); OECA: Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Sector Notebook available for the Fabricated Metal Products Industry at http://es.epa.gov/oeca/sector/index.html ; Additional information is available at the Fabricated Metal Products and Metal Finishing at http://es.epa.gov/oeca/metd/met-fin.html ; Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf); <i>EPA Training Providers, Courses Available:</i> Metal Container, Closure and Coil Coating/203.3, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm);	TBD

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Metal Coil (MACT) www.epa.gov/ttn/uatw/coat/mcoil/met_coil.html	2000 SSSS	TBD	<p>OAQPS: Feasibility of developing combined 10yr surface coating implementation document being investigated (Ingrid Ward 919-541-0300);</p> <p>OECA: Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Sector Notebook available for the Fabricated Metal Products Industry at http://es.epa.gov/oeca/sector/index.html; Additional information is available at the Fabricated Metal Products and Metal Finishing at http://es.epa.gov/oeca/metd/met-fin.html; Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf);</p> <p>EPA Training Providers, Courses Available: Metal Container, Closure and Coil Coating/203.3, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm);</p>	TBD
Metal Furniture (MACT) www.epa.gov/ttn/uatw/coat/mfurn/met_furn.html	2000 RRRR	TBD	<p>OAQPS: Feasibility of developing combined 10yr surface coating implementation document being investigated (Ingrid Ward 919-541-0300);</p> <p>OECA: Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Sector Notebook available for the Fabricated Metal Products Industry at http://es.epa.gov/oeca/sector/index.html; Additional information is available at the Fabricated Metal Products and Metal Finishing at http://es.epa.gov/oeca/metd/met-fin.html; Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf);</p>	TBD

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Regulation¹/ UATW Site	EPA Bin Year/ Part 63 Subpart	PIRG POC²	EPA Outreach Materials³ (PIRG materials in bold)	PIRG Yr Materials Completed
Mineral Wool Production www.epa.gov/ttn/uatw/minwool/minwopg.html	1997 DDD	NA (<50 sources)	OECA: Sector Notebook for Stone, Clay, Glass and Concrete Industry available at http://es.epa.gov/oeca/sector/index.html ; Additional information available at http://es.epa.gov/oeca/metd/scgc.html ;	NA
Miscellaneous Metal Parts (MACT & VOC) www.epa.gov/ttn/uatw/coat/misc/sc_met.html	2000 MMMM	Ingrid Ward 919-541-0300	Outreach materials may be needed(ESD 6/97); OAQPS: Feasibility of developing combined 10yr surface coating implementation document being investigated; OECA: Sector Notebook for Oil & Gas Exploration & Production planned (http://es.epa.gov/sector/index.html); Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Printed Wiring Board Compliance Assistance Center (Keith Brown 202-564-7124); National Metal Finishing Resource Center (www.nmfrc.org) may have additional information; Sector Notebook available for the Fabricated Metal Products Industry at http://es.epa.gov/oeca/sector/index.html ; Additional information is available at the Fabricated Metal Products and Metal Finishing at http://es.epa.gov/oeca/metd/met-fin.html ; Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf); <i>EPA Training Providers, Courses Available:</i> Metal Parts and Products/230, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm);	2001 est
Miscellaneous Organic NESHAP (MON)	2000 FFFF	TBD		TBD

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³ PIRG Implementation Materials in **BOLD**. For other Federal/State/Local public outreach materials, see "Communicating Air Quality: A Compendium of Resources", available from the STAPPA/ALAPCO website www.4cleanair.org. Or, go to EPA's Compliance Assistance Clearinghouse, when it opens in May 2000.

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EPA Air Toxics Implementation Information

Sorted by Rule Name

<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Municipal Solid Waste Landfills (MACT) (previously called Municipal Landfills) <a href="http://www.epa.gov/ttn/uatw/landfill/rdlan
dfl.html">www.epa.gov/ttn/uatw/landfill/rdlan dfl.html	2000 SSSS	TBD		TBD
Municipal Solid Waste Landfills, NSPS & 111(d) <a href="http://www.epa.gov/ttn/uatw/landfill/landfi
llpg.html">www.epa.gov/ttn/uatw/landfill/landfi llpg.html	1997 §111(d) rule	Mary Ann Warner 919-541-1192	OAQPS: “Municipal Solid Waste Landfills, Volume 2: Summary of the Requirements for Section 111(d) State Plans for Implementing the Municipal solid Waste Landfills emission Guidelines”, Nov 98, EPA- 456R/98-009 available on UATW; “Municipal Solid Waste Landfills, Volume 1”, Oct 96 , EPA-543/R-96-004 available on UATW; Question and answer document available on UATW; SIP manual chapter addition for approval of 111(d)/129 state plans (pending, Mary Ann Warner 919-541-1192) OAQPS Satellite downlinks (video): “Municipal Solid Waste Landfills” 11/20/96 (State/local agencies contact Dennis Shipman 919-541-5477, others contact Chris Murphy of NCSU 919- 515-5874); “Landfill Design: Air Emissions” 9/24/98 & 10/1/98 (State/local agencies contact Dennis Shipman 919-541-5477, others contact Chris Murphy of NCSU 919-515-5874);	10/96 11/98 2000 est
Municipal Waste Combustion, Large (large MWC) <a href="http://www.epa.gov/ttn/uatw/129/mwc/rim
wc.html">www.epa.gov/ttn/uatw/129/mwc/rim wc.html	1997 §129 rule	Julie McClintock 919-541-5339	OAQPS: Summary of Requirements for Section 111d/129 State Plans for Implementing the MWC Emission Guidelines, EPA-456R-96-003 available on the UATW (mwc5.zip) (Julie McClintock 919-541-5339); Current status of state plans, and rule information available on UATW;	7/96

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EPA Air Toxics Implementation Information

Sorted by Rule Name

<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Municipal Waste Combustion, Small (small MWC) <a href="http://www.epa.gov/ttn/uatw/129/mwc/ri
mwc2.html">www.epa.gov/ttn/uatw/129/mwc/ri mwc2.html	2000 §129 rule	David Painter 919-541-5515	Summary of Requirements for Section 111d/129 State Plans pending (David Painter, 919-541-5515)	est 2000
Natural Gas Transmission and Storage <a href="http://www.epa.gov/ttn/uatw/natgas/natga
spg.html">www.epa.gov/ttn/uatw/natgas/natga spg.html	2000 HHH	TBD		TBD
Nutritional Yeast Manufacturing (previously called Bakers Yeast) <a href="http://www.epa.gov/ttn/uatw/yeast/yeast
pg.html">www.epa.gov/ttn/uatw/yeast/yeast pg.html	2000 CCCC	NA (<50 sources)		NA
Nylon 6	1997	NA (delisted)		NA

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³ PIRG Implementation Materials in **BOLD**. For other Federal/State/Local public outreach materials, see "Communicating Air Quality: A Compendium of Resources", available from the STAPPA/ALAPCO website www.4cleanair.org. Or, go to EPA's Compliance Assistance Clearinghouse, when it opens in May 2000.

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EPA Air Toxics Implementation Information

Sorted by Rule Name

Regulation¹/ UATW Site	EPA Bin Year/ Part 63 Subpart	PIRG POC²	EPA Outreach Materials³ (PIRG materials in bold)	PIRG Yr Materials Completed
Off-Site Waste Treatment (previously called Off-site Waste Treatment and Recovery Operations) www.epa.gov/ttn/uatw/offwaste/riowao.html	1994 DD	NA (Completed imp. materials)	OAQPS: Source Identification: List of Sources Potentially Subject to the Rule and How to Find Them (EPA-456/R-98-006, 9/98) available on UATW; The Plain Language Implementation Assistance Document for 40 CFR Part 63 Subpart DD (Off-Site Waste and Recovery Operations NESHAP)(EPA-456/R-99-007, 10/99) available for download on UATW; <i>Regional Offices:</i> R5 "adopt-a-MACT" - developing implementation materials including a source identification guide; RCRA/MACT relationship guide (Loren Denton 312-886-6814). R8/CDPHE Web Site for Off-Site Waste www.cdphe.state.co.us/ap/offsite/html/index.html ;	9/98 9/99
Oil & Natural Gas Production www.epa.gov/ttn/uatw/oilgas/oilgaspg.html	1997 HH	Larry Brockman 919-541-5398	High priority 7-yr rule for implementation materials (ESD, 7/99) OAQPS: Applicability flowchart available on UATW; Draft summary of requirements developed by ESD available on UATW; Q&A and Source Identification document planned (Larry Brockman 919-541-5398); <i>OAQPS Satellite downlinks (video):</i> est Spring 00, 30 minute rule overview (State/local agencies contact Janyce Riess 919-541-2353, others contact Univ. of TN at wwiley@utk.edu);	3/00 2000 est
Organic Liquids Distribution (Non-Gasoline) www.epa.gov/ttn/uatw/orgliq/orlidipg.html	2000 EEEE	TBD	Outreach may not be needed (ESD 10/97)	TBD

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<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Other Solid Waste Incinerators (OSWI) www.epa.gov/ttn/uatw/combust/list.html	2000 §129 rule	TBD		TBD
Paint Stripping Operations www.epa.gov/ttn/uatw/paintst/pnt_s_tpg.html	2000	TBD	Outreach may be needed (ESD 4/98)	TBD
Paper & Other Webs (MACT & VOC) www.epa.gov/ttn/uatw/coat/paper/paper_web.html	2000 JJJJ	Ingrid Ward 919-541-0300	<p>OAQPS: Development of implementation document (rule overview, applicability flowcharts, inspection checklists, etc) planned (Ingrid Ward 919-541-0300)</p> <p>OECA: Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf);</p> <p>EPA Training Providers, Courses Available: Pressure Sensitive Tape and Label Facilities: The Clean Air Act Amendments of 1990 and Pollution Prevention Opportunities, developed by NEWMOA and NESCAUM under a EPA ETI grant, available 2/99 (Janet Bowen 617-918-1795);</p>	Est 2000

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³ PIRG Implementation Materials in **BOLD**. For other Federal/State/Local public outreach materials, see "Communicating Air Quality: A Compendium of Resources", available from the STAPPA/ALAPCO website www.4cleanair.org. Or, go to EPA's Compliance Assistance Clearinghouse, when it opens in May 2000.

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EPA Air Toxics Implementation Information

Sorted by Rule Name

Regulation¹/ UATW Site	EPA Bin Year/ Part 63 Subpart	PIRG POC²	EPA Outreach Materials³ (PIRG materials in bold)	PIRG Yr Materials Completed
Pesticide Active Ingredient Production www.epa.gov/ttn/uatw/pest/pestpg.html	1997 MMM	Ingrid Ward 919-541-0300	OAQPS: Implementation tools being developed to include overview of rule, inspection checklists and applicability flowcharts - full implementation document not being developed due to budget shortfall (Ingrid Ward 919-541-0300, ward.ingrid@epa.gov); OAQPS Satellite downlinks (video): est Spring 00, 30 minute rule overview (State/local agencies contact Janyce Riess 919-541-2353, others contact Univ. of TN at wwiley@utk.edu); OECA: Agricultural Compliance Assistance Center (http://es.epa.gov/oeca/ag/index.html); various other agricultural materials available at OECA but which may not pertain to chemical manufacturing;	2000 est
Petroleum Refineries - Catalytic Cracking, Catalytic Reforming & Sulfur Plant Units	1997 UUU	TBD	Outreach may be needed (ESD 2/98); OECA: Inspection guidance pending ?; Sector Notebook available at http://es.epa.gov/oeca/sector/index.html ; Regional Offices: R6 "adopt-a-MACT" - developing implementation materials including inspector checklist and applicability flowchart (Robert Todd 214-665-2156).	TBD

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³ PIRG Implementation Materials in **BOLD**. For other Federal/State/Local public outreach materials, see "Communicating Air Quality: A Compendium of Resources", available from the STAPPA/ALAPCO website www.4cleanair.org. Or, go to EPA's Compliance Assistance Clearinghouse, when it opens in May 2000.

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EPA Air Toxics Implementation Information

Sorted by Rule Name

<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Petroleum Refineries (Other Sources) www.epa.gov/ttn/uatw/petrefine/petrefpg.html	1994 CC	Larry Brockman 919-541-5398	QAQPS: Q&A document from workshops and other available on UATW ; Summary of 40 CFR Part 63 Subpart CC Petroleum Refineries NESHAP (9/97) available on UATW (being updated est 9/00, Larry Brockman 919-541-5398); Summary of Testing, Monitoring, Recordkeeping, Reporting Requirements of 40 CFR 63 Subpart CC, Petroleum Refineries (9/97) available on UATW; OECA: Sector Notebook for the Petroleum Refinery Industry available http://es.epa.gov/oeca/sector/index.html ; Petroleum Refinery MACT Standard Guidance (including inspector checklists) (EPA/305-B-97-010, 8/97) available on UATW. Regional Offices: WSPA and API workshop, San Francisco, March 98 [R9 presented]; R-1,10 Training, March 10-11, 1998 in San Fran; Petroleum Refinery MACT Standard Guidance, EPA/305-B-97-010, Sep 97 (Rafael Sanchez 202-564-7028); R5 training in 1997 (2 day); American Petroleum Institute workshop October 23-24, 1995 in Orlando, FL and July 11-12, 1996 in Houston, TX; R5 Petroleum Refinery title V permits on-line (scroll down to EPSS or do keyword search) www.epa.gov/region09/air/permit/index.thm ; EPA Training Providers, Courses Available: Petroleum Refining/288, 1 day (California Air Resource Board CARB, www.arb.ca.gov/cd/training.htm); Joint EPA/CMA/SOCMA/API Subpart CC Rule Compliance Assistance Tool (Walt Derieux 202-564-7067);	9/97 11/98 2000 est

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EPA Air Toxics Implementation Information

Sorted by Rule Name

<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Petroleum Solvent Dry Cleaning (previously Dry Cleaning - Petroleum Solvent)	2000	TBD	may be >50 sources <i>OECA:</i> Additional information on Compliance Assistance Tools, Compliance Initiatives, Assistance Centers, Compliance Date, ongoing project, policies and other links can be found at the Municipal Services & Solid waste site at http://es.epa.gov/oeca/ccsmd/munpull.html ;	TBD
Pharmaceutical Production www.epa.gov/ttn/uatw/pharma/pharmpg.html	1997 GGG	Mary Ann Warner 919-541-1192	<i>OAQPS:</i> Pharmaceutical implementation assistance document including inspector checklist pending (Mary Ann Warner 919-541-1192); The Pharmaceutical expert system (provides step by step on-line questions on equipment types and compliance options) available at http://206.4.171.30/rules/pharmact/index.cfm ; <i>OECA:</i> Compliance tool, permitting strategy and Implementation Document being developed; Sector Notebook available at http://es.epa.gov/oeca/sector/index.html ; Additional information on Compliance Assistance Tools, Compliance Initiatives, Assistance Centers, ongoing project, policies and other links can be found at http://es.epa.gov/oeca/ccsmd/pharpull.html ; Pharmaceutical Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/pharma.pdf); <i>Regional Offices:</i> R2 "adopt-a-MACT" - developing implementation materials, including, enforcement response language, inspection checklist, case study, timeline, source identification process and model title V language (Jeremy Eng 212-637-3522, Mozey Ghaffari 212-637-3925)	11/98 2000 est

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Phosphoric Acid Manufacturing/Phosphate Fertilizer Production www.epa.gov/ttn/uatw/phosph/phosphpg.html	1997 AA/BB	NA (<50 sources)		NA
Plastic Parts and Products (MACT & VOC) www.epa.gov/ttn/uatw/coat/plastic/plas_parts.html	2000 PPPP	Ingrid Ward 919-541-0300	OAQPS: Implementation document planned (Ingrid Ward 919-541-0300) OECA: Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf);	est 2001
Plywood & Particle Board Manufacturing www.epa.gov/ttn/uatw/plypart/plypart.html	2000 ZZZ	TBD	Outreach materials may not be needed (ESD 10/97)	TBD
Polycarbonates (PC) Production www.epa.gov/ttn/uatw/gmact/gmactpg.html	1997 GMACT YY	NA (<50 sources)		NA

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Sorted by Rule Name

Regulation¹/ UATW Site	EPA Bin Year/ Part 63 Subpart	PIRG POC²	EPA Outreach Materials³ (PIRG materials in bold)	PIRG Yr Materials Completed
Polyether Polyols Production www.epa.gov/ttn/uatw/polyol/polyolpg.html	1997 PPP	Ingrid Ward 919-541-0300	OAQPS: Implementation tools being developed to include overview of rule, inspection checklists and applicability flowcharts - full implementation document not being developed due to budget shortfall ((Ingrid Ward 919-541-0300, ward.ingrid@epa.gov): OAQPS Satellite downlinks (video): est Spring 00, 30 minute rule overview (State/local agencies contact Janyce Riess 919-541-2353, others contact Univ. of TN at wwiley@utk.edu);	2000 est
Polymers and Resins Production Group I (Elastomers) www.epa.gov/ttn/uatw/pr1/pr1pg.html	1994 U	NA (no funding available)	Outreach materials may be needed (ESD 6/97); High priority rule for implementation materials (ESD, 7/99) OAQPS: Outreach materials planned by PIRG FY00 but put on hold due to budge and personnel shortfall. Regional Offices: R3 "adopt-a-MACT" - developing implementation materials, including, inspector checklist and applicability flowchart (Doreen Au 215-814-5471)	no funding available
Polymers and Resins Production Group II (Polyamides) www.epa.gov/ttn/uatw/pr2/pr2pg.html	1994 W	NA (no funding available)	High priority rule for implementation materials (ESD, 7/99)	no funding available

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Polymers and Resins Production Group III (also called Amino and Phenolic Resins) www.epa.gov/ttn/uatw/amino/aminopg.html	1997 OOO	NA (no funding available)	Outreach materials may be needed (ESD 6/97); High priority rule for implementation materials (ESD, 7/99)	no funding available
Polymers and Resins Production Group IV (Thermoplastics) www.epa.gov/ttn/uatw/pr4/pr4pg.html	1994 JJJ	NA (no funding available)	Additional outreach materials may be needed (ESD 6/97); High priority rule for implementation materials (ESD, 7/99) OAQPS: Outreach materials planned by PIRG FY00 but put on hold due to budge and personnel shortfall. <i>Regional Offices:</i> R3 "adopt-a-MACT" - developing implementation materials, including, inspector checklist and applicability flowchart (Doreen Au 215-814-5471)	no funding available
Polyvinyl Chloride & Copolymers Production	2000	NA (<50 sources)		NA

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³ PIRG Implementation Materials in **BOLD**. For other Federal/State/Local public outreach materials, see "Communicating Air Quality: A Compendium of Resources", available from the STAPPA/ALAPCO website www.4cleanair.org. Or, go to EPA's Compliance Assistance Clearinghouse, when it opens in May 2000.

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<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Portland Cement Manufacturing www.epa.gov/ttn/uatw/pcem/pcempg.html	1997 LLL	NA (Completed Imp materials)	Additional outreach materials may be needed (ESD 6/97); High priority 7-yr rule for implementation materials (ESD, 7/99) OAQPS: Questions & Answers for the Portland Cement Manufacturing Industry NESHAP 40 CFR 63, Subpart LLL (no EPA #, 9/30/99) available on UATW (David Painter 919-541-5515); OAQPS Satellite downlinks (video): est Spring 00, 30 minute rule overview (State/local agencies contact Janyce Riess 919-541-2353, others contact Univ. of TN at wwiley@utk.edu); OECA: Sector Notebook for Stone, Clay, Glass and Concrete Industry available at http://es.epa.gov/oeca/sector/index.html ; Additional information available at http://es.epa.gov/oeca/metd/scgc.html ;	9/99

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<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Primary Aluminum (previously called Primary Aluminum Reduction Plants) www.epa.gov/ttn/uatw/alum/alumpg.html	1997 LL	NA (ESD Lead on Imp. document)	<p>OAQPS: Technical support document on UATW; Summary of requirements being developed by ESD, est FY00 (Steve Fruh 919-541-2837);</p> <p>OECA: Sector Notebook available for the Nonferrous Metals Manufacturing Industry at http://es.epa.gov/oeca/sector/index.html ; Additional information is available at the Nonferrous Metals site at http://es.epa.gov/oeca/metd/nfm.html;</p> <p>Regional Offices: R10 "adopt-a-MACT" - developing implementation materials (TBD) (Dan Meyer 206-553-4150).</p> <p>Other: Primary Aluminum Workshop sponsored by The Aluminum Association, June 2-3, Seattle WA;</p>	NA
Primary Copper Smelting www.epa.gov/ttn/uatw/copper/copp erpg.html	1997 QQQ	NA (Imp materials not needed, ESD, 6/97)	<p>OECA: Sector Notebook available for the Nonferrous Metals Manufacturing Industry at http://es.epa.gov/oeca/sector/index.html ; Additional information is available at the Nonferrous Metals site at http://es.epa.gov/oeca/metd/nfm.html;</p>	NA
Primary Lead Smelting www.epa.gov/ttn/uatw/leadp/leadp g.html	1997 TTT	NA (<50 sources)	<p>OECA: Sector Notebook available for the Nonferrous Metals Manufacturing Industry at http://es.epa.gov/oeca/sector/index.html ; Additional information is available at the Nonferrous Metals site at http://es.epa.gov/oeca/metd/nfm.html;</p>	NA

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³ PIRG Implementation Materials in **BOLD**. For other Federal/State/Local public outreach materials, see "Communicating Air Quality: A Compendium of Resources", available from the STAPPA/ALAPCO website www.4cleanair.org. Or, go to EPA's Compliance Assistance Clearinghouse, when it opens in May 2000.

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EPA Air Toxics Implementation Information

Sorted by Rule Name

<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Primary Magnesium Refining	2000	NA (<50 sources)	<i>Regional Offices:</i> R8 "adopt-a-MACT" - developing implementation materials including inspector checklist and applicability flowchart (Tami Thomas-Burton 303-312-6581).	NA
Printing & Publishing www.epa.gov/ttn/uatw/print/printpg.html	1994 KK	NA (Imp. materials available, VBroadwell)	<i>OECA:</i> Sector Notebook at http://es.epa.gov/oeca/sector/index.html ; Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Printers' National Compliance Assistance Center (PNEAC) at http://es.epa.gov/oeca/mfcac.html ; Additional information on Compliance Assistance Tools, Compliance Initiatives, Assistance Centers, Compliance Date, ongoing project, policies and other links can be found at the Municipal Services & Solid waste site at http://es.epa.gov/oeca/ccsmd/munpull.html ; Additional information on Compliance Assistance Tools, Compliance Initiatives, Assistance Centers, Compliance Date, ongoing project, policies and other links can be found at the Small Business & Commercial Services site at http://es.epa.gov/oeca/ccsmd/commpull.html ; Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf); <i>Regional Offices:</i> Fit to Print: An Environmental Compliance and Pollution Prevention Manual for New England Lithographers (Sally Mansur 617-565-1378); R1 "New England Printing Fact Sheets on Wastewater" and general available (Sally Mansur 617-565-1378); R7 MACT Inspector Training, 4/12-13/99, trained 40 State/local Missouri inspectors on chrome, wood furniture, degreasers and printing and publishing (Richard Tripp 913-551-7566); R8/CDPHE Web Site for Printing and Publishing www.cdphe.state.co.us/ap/P&P/HTML/index.html ;	NA

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Regulation¹/ UATW Site	EPA Bin Year/ Part 63 Subpart	PIRG POC²	EPA Outreach Materials³ (PIRG materials in bold)	PIRG Yr Materials Completed
Process Heaters www.epa.gov/ttn/uatw/combust/list.html	2000	TBD		TBD
Publicly Owned Treatment Works (POTW) www.epa.gov/ttn/uatw/potw/potwpg.html	1997 VVV	NA (<50 sources)	Outreach materials may not be needed (ESD 6/97) OECA: Local Governments Environmental Assistance Network (LGEAN) at http://es.epa.gov/oeca/mfcac.html ;	NA
Pulp & Paper Production (non-combustion) MACT I www.epa.gov/ttn/uatw/pulp/pulppg.html	1997 S	Gil Wood 919-541-5272	OAQPS: Pulp and Paper NESHAP: A Plain English Description (EPA-456/R-98-008), 11/98 available on UATW (update pending, Gil Wood 919-541-5272); Flow Diagrams available on UATW; Question and Answers for the Pulp & paper NESHAP (40 CFR 63, Subpart S) available at www.epa.gov/ttn/oarpg/t3ed/html ; Technical Support Document for the Evaluation of Aerobic Biological Treatment Units with Multiple Mixing Zones available soon at www.epa.gov/ttn/oarpg/t3ed.html ; OECA: Kraft Pulp Mill Compliance Assessment Guide (CAA/CWA/RCRA/ EPCRA) (EPA-310/B-99-001) available at http://es.epa.gov/oeca/metd/pulp/html ; OAQPS Video: Pulp & Paper I, III video "What's Up With the Pulp and Paper Cluster Rule?" copy sent to ROs, States in August 1998 (Gil Wood, 919-541-5272);	11/98 2000 est

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EPA Air Toxics Implementation Information

Sorted by Rule Name

Regulation¹/ UATW Site	EPA Bin Year/ Part 63 Subpart	PIRG POC²	EPA Outreach Materials³ (PIRG materials in bold)	PIRG Yr Materials Completed
Pulp & Paper Production (combustion) MACT II (also called Combustion Sources at Kraft, Soda, and Sulfite Pulp & Paper Mills) www.epa.gov/ttn/uatw/pulp/pulppg.html	2000 MM	Gil Wood 919-541-5272	OAQPS: Scheduled for outreach material development pending decision on responses to comment on proposed rule (Gil Wood 919-541-5272); See Pulp & Paper I for background info on industry.	
Pulp & Paper Production (non-chemical) MACT III www.epa.gov/ttn/uatw/pulp/pulppg.html	1997 S	Gil Wood 919-541-5272	Included in Pulp & Paper I materials	
Reciprocating Internal Combustion Engines (RICE) www.epa.gov/ttn/uatw/combust/list.html	2000	TBD		TBD
Refractories Manufacturing (previously called Chromium Refractories)	2000	TBD		TBD

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EPA Air Toxics Implementation Information

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<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Reinforced Plastics Composition Production (Previously Reinforced Plastics Composites Manufacturing) www.epa.gov/ttn/uatw/coat/rein/rein_plas.html	2000	TBD	Outreach materials may be needed (ESD 6/97)	TBD
Rocket Engine Test Facilities www.epa.gov/ttn/uatw/engtest/rock_eng.html	2000	TBD		TBD
Rubber Tire Production	2000	NA (<50 sources)	Outreach materials may be needed (ESD 2/98) OECA: Sector Notebook for the Rubber & Tire Industry available at http://es.epa.gov/oeca/sector/index.html ; Additional information is available and the Rubber and Miscellaneous Plastics site at http://es.epa.gov/oeca/metd/rubber.html ;	NA

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EPA Air Toxics Implementation Information

Sorted by Rule Name

<i>Regulation¹/ UATW Site</i>	<i>EPA Bin Year/ Part 63 Subpart</i>	<i>PIRG POC²</i>	<i>EPA Outreach Materials³</i> (PIRG materials in bold)	<i>PIRG Yr Materials Completed</i>
Secondary Aluminum www.epa.gov/ttn/uatw/alum2nd/alum2pg.html	1997 RRR	NA (no funding available)	Outreach materials may be needed (ESD 6/97) OAQPS: Implementation assistance tools planned by PIRG FY00 but on hold due to budget and staffing shortfall; OECA: Sector Notebook available for the Nonferrous Metals Manufacturing Industry at http://es.epa.gov/oeca/sector/index.html ; Additional information is available at the Nonferrous Metals site at http://es.epa.gov/oeca/metd/nfm.html ;	no funding available
Secondary Lead Smelting www.epa.gov/ttn/uatw/lead2nd/lead2pg.html	1997 X	NA (Imp. materials not needed, GPomerantz)	OECA: Sector Notebook available for the Nonferrous Metals Manufacturing Industry at http://es.epa.gov/oeca/sector/index.html ; Additional information is available at the Nonferrous Metals site at http://es.epa.gov/oeca/metd/nfm.html ;	NA
Semiconductor Manufacturing	2000	NA (<50 sources)	Permit information would be useful (ESD)	NA
Sewage Sludge Incinerators	2000 129 rule	TBD	Outreach materials may be needed (ESD 6/97)	TBD

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EPA Air Toxics Implementation Information

Sorted by Rule Name

Regulation¹/ UATW Site	EPA Bin Year/ Part 63 Subpart	PIRG POC²	EPA Outreach Materials³ (PIRG materials in bold)	PIRG Yr Materials Completed
Shipbuilding (previously called Shipbuilding and Ship Repair) www.epa.gov/ttn/uatw/shipb/shipbpq.html	1994 II	NA (ESD lead on project)	OAQPS: Brochure and guidebook on how to comply with the Shipbuilding NESHAP (EPA-543/B-97-001) available at www.epa.gov/ttn/oarpg/t3ed.html ; OECA: Compliance Guide (Suzanne Childress 202-564-7018); Sector Notebook for the Shipbuilding and Repair Industry available http://es.epa.gov/oeca/sector/index.html ; Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf);	NA
Site Remediation	2000	TBD		TBD
SOCMI Wastewater (NSPS) www.epa.gov/ttn/uatw/nsps/socw/socwwpg.html	2000	Larry Brockman 919-541-5398	OAQPS: Inspection checklist, applicability flowchart, relationship to other rules, summary of MRR requirements planned (Larry Brockman 919-541-5398);	2000 est
Spandex Production	2000 YYY	NA (<50 sources)		NA
Stationary Combustion Turbines (MACT & 111) www.epa.gov/ttn/uatw/combust/list.html	2000	TBD		TBD

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Steel Pickling (HCL Process) www.epa.gov/ttn/uatw/steel/steelpkpgg.html (pending)	1997 CCC	NA (no funding available)	High priority 7-yr rule for implementation materials (ESD, 7/99) OAQPS: Implementation planned by PIRG FY00 but on hold due to budget and staffing shortfall. OAQPS Satellite downlinks (video): est Spring 00, 30 minute rule overview (State/local agencies contact Janyce Riess 919-541-2353, others contact Univ. of TN at wwiley@utk.edu); Regional Offices: R7 "adopt-a-MACT" - developing implementation materials including inspector checklist, applicability flowchart and source identification process (Richard Tripp 913-551-7566).	no funding available
Taconite Iron Ore Processing	2000	NA (<50 sources)		NA
Tetrahydrobenzaldehyde Manufacture (previously called Butadiene Dimers Production) www.epa.gov/ttn/uatw/thba/thbapgg.html	1997 F	TBD		TBD
Uranium Hexafluoride Production (previously called Hexafluoride Production)	2000	NA (<50 sources)		NA
Vegetable Oil Production	2000 GGGG	TBD		TBD

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Wet Formed Fiberglass Mat Production	2000 HHHH	TBD		TBD
Wood Building Products (formally Flatwood Paneling) www.epa.gov/ttn/uatw/coat/flatw/flat_pan.html	2000 QQQQ	TBD	<p>OAQPS: Feasibility of developing combined 10yr surface coating implementation document being investigated (Ingrid Ward 919-541-0300)</p> <p>OECA: Wood Paneling Industry Inspection Guidance Document (http://es.epa.gov/oeca/med/dft1926_.pdf); Paints and Coatings Center (http://es.epa.gov/oeca/mfcac.html); Sector Notebook for the Lumber and Wood Products Industry available at http://es.epa.gov/oeca/sector/index.html ; Additional information available at the Lumber and Wood Products site at http://es.epa.gov/oeca/metd/lumber.html ; Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf);</p>	TBD

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Wood Furniture Manufacturing www.epa.gov/ttn/uatw/wood/riwood.html	1994 JJ	NA (Completed imp. materials)	<p>OAQPS: Wood Furniture Manufacturing Operations NESHAP Implementation Document (EPA-456/R-97-005) available on UATW; Guide to the Wood Furniture CTG and NESHAP (EPA-453/R-97-002) available at www.epa.gov/ttn/sbap; Update to EPA-465/R-97-005 planned by PIRG in FY00 but canceled due to budget and staffing shortfall.</p> <p>OECA: Wood Panel Inspection Guidance Document , Draft available at http://es.epa.gov/oeca; Wood Preserving RCRA Compliance Guide (Seth Hemingway 202-564-7017); Sector Notebook for the Wood Furniture Industry available at http://es.epa.gov/oeca/sector/index.html; Additional information available at the Lumber and Wood Products site at http://es.epa.gov/oeca/metd/lumber.html and the Wood Furniture & Fixtures Manufacturing site at http://es.epa.gov/oeca/metd/furnitur.html ; Summary - Paints, Varnishes, Lacquers, Enamels, and Allied Products Manufacturing Statutory and Regulatory Summaries (http://es.epa.gov/oeca/ccsmd/paint.pdf);</p> <p><i>Regional Offices:</i> R1 brochure with sample calculations available on UATW; R1 with the Wood Products Manufacturing Association sponsoring "Wood Coating Technology Fair", 11/18/98, Marlborough Mass (Janet Bowen 617-918-1795); R1 fact sheet for Wood Furniture Manufacturing intended to assist facilities in determining their obligations under the NESHAP (Susan Lancey 617-918-1656); R1 workshop (co-sponsored by wood products manufacturing association), July 22, 1997 (Janet Bowen 617-918-1795); R1 Wood Furniture Video "Making Pollution Prevention work for You: Opportunities for Wood Coaters" (35 min) (Janet Bowen 617-918-1795); R7 MACT Inspector Training, 4/12-13/99, trained 40 State/local Missouri inspectors on chrome, wood furniture, degreasers and printing and publishing (Richard Tripp 913-551-7566);</p> <p><i>EPA Training Providers, Courses Available:</i> Wood Furniture: The Clean Air Act Amendments of 1990 and Pollution Prevention Opportunities, developed by NEWMOA and NESCAUM under EPA ETI grant, 8/97 (Janet Bowen 617-918-1795);</p>	9/97

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Wood Treatment	1997	NA (delisted)		NA
Wool Fiberglass Manufacturing www.epa.gov/ttn/uatw/woolfib/woolfipg.html	1997 NNN	NA (<50 sources)	OECA: Sector Notebook for Stone, Clay, Glass and Concrete Industry available at http://es.epa.gov/oeca/sector/index.html ; Additional information available at http://es.epa.gov/oeca/metd/scgc.html ;	NA

EPA guidance documents dealing with 112 issues can usually be found at the following locations:

OAQPS	www.epa.gov/ttn/uatw	(Unified Air Toxics Website)
	www.epa.gov/ttn/oarpg	(Policy and Guidance Page)
	www.epa.gov/ttn/sbap	(Small Business Assistance)
	www.epa.gov/oar/oaqps/eog	(Outreach and Training)
OECA	http://es.epa.gov/oeca/index.html	(OECA Main Page)

EPA training course information can usually be found at the following locations:

APTI	www.epa.gov/oar/oaqps/eog/apticat.html	(EPA/Air Pollution Training Institute)
CARB	www.arb.ca.gov/cd/training.htm	(California Air Resources Board)
NETI	http://es.epa.gov/oeca/neti/netisch.html	(EPA/National Enforcement Training Institute)
OMR	www.epa.gov/oms	(EPA/Office of Mobile Resources)
Consortia	www.4cleanair.org/memberlo.html	(Listing of Regional Consortia and web sites)
Rutgers/EOHSI)	www.eohsi.rutgers.edu/airpoll.edu or www.envsci.rutgers.edu/~raptp/	(Rutgers University/Environment Occupational Safety and Health Institute)

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